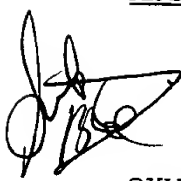


Abstract:



By means of a fluidized-bed reactor for the oxychlorination of ethylene, oxygen and HCl, comprising a heat exchanger, consisting of a plurality of tube packets, in the fluidized-bed for releasing the heat evolved owing to exothermic reaction to a heat-transfer medium in the tube packets, in particular to water/steam, the tube packets coming into contact with water via a ring pipe and the steam being removed via a ring pipe, it is intended to provide an economical solution with which the expensive drilled passages are avoided, in particular the calculation for ring pipes is facilitated and a large number of wall passages is dispensed with.

This is achieved by the ring pipe being mounted as a collector or chamber (9, 10) directly on the reactor wall (4).

Drawing to be published in this context: Fig. 2.